

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/064701 A2

(51) International Patent Classification⁷: **H01L 41/09**

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(21) International Application Number:
PCT/IB2004/052868

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(22) International Filing Date:
20 December 2004 (20.12.2004)

(72) Inventors; and

(25) Filing Language: English

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(26) Publication Language: English

(30) Priority Data:
03104892.9 22 December 2003 (22.12.2003) EP

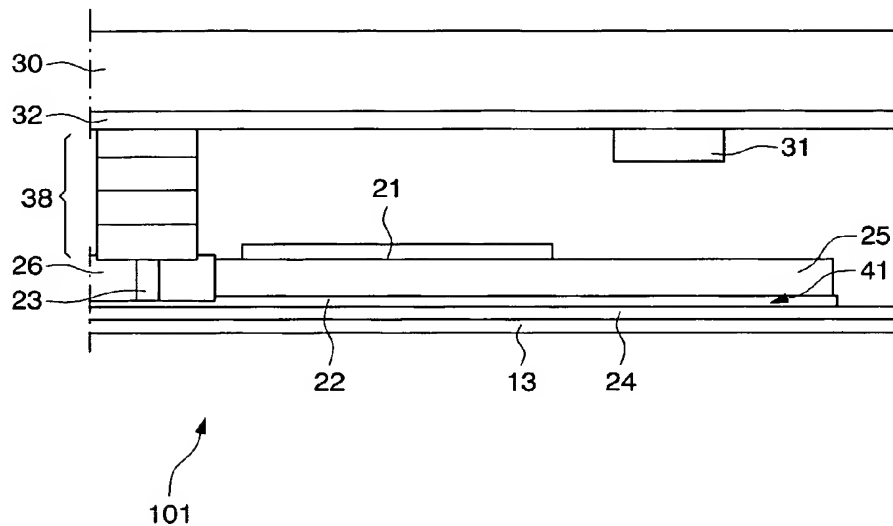
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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

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(54) Title: ELECTRONIC DEVICE



(57) Abstract: The microelectromechanical system (MEMS) element (101) comprises a first electrode (310 that is present on a surface of a substrate (30) and a movable element (40). This overlies at least partially the first electrode (31) and comprises a piezo-electric actuator, which movable element (40) is movable towards and from the substrate (30) by application of an actuation voltage between a first and a second position, in which first position it is separated from the substrate (30) by a gap. Herein the piezoelectric actuator comprises a piezoelectric layer (25) that is on opposite surfaces provided with a second and a third electrode (21,22) respectively, said second electrode (21) facing the substrate (30) and said third electrode (22) forming an input electrode of the MEMS element (101), so that a current path between through the MEMS element (101) comprises the piezoelectric layer (25) and the tunable gap.



KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

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